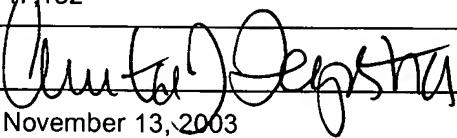




UTILITY PATENT APPLICATION TRANSMITTAL

Submit an original and a duplicate for fee processing
(Only for new nonprovisional applications under 37 CFR 1.53(b))

ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450		Attorney Docket No. MBHB00-882-I (400/118) First Named Inventor James McSwiggen Express Mail No. EV333565533US
APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Transmittal Form with Fee 2. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 138] 3. <input checked="" type="checkbox"/> Drawings [Total Sheets 4] 4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed b. <input checked="" type="checkbox"/> Copy from prior application [Note Boxes 5 and 18 below] i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application 5. <input checked="" type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 6. <input type="checkbox"/> Computer Code Listing (See 1.96) a. <input type="checkbox"/> Microfiche Appendix b. <input type="checkbox"/> CD-Rom (in duplicate, with separate transmittal) 7. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission a. <input checked="" type="checkbox"/> Request to Transfer Sequence Listing b. <input checked="" type="checkbox"/> CD-Rom (COPY 1 and COPY 2) c. <input checked="" type="checkbox"/> Statement verifying above copies 8. <input checked="" type="checkbox"/> Small Entity Status <input checked="" type="checkbox"/> is claimed <input type="checkbox"/> Statement filed in prior application; status still proper and desired <input type="checkbox"/> is no longer claimed.		9. <input checked="" type="checkbox"/> Assignment Papers a. <input checked="" type="checkbox"/> Copy from prior application 10. <input checked="" type="checkbox"/> Power of Attorney a. <input checked="" type="checkbox"/> Copy from prior application 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) <input checked="" type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input type="checkbox"/> A Request for non-publication pursuant to 35 U.S.C. § 122(b)(2)(B)(i) 17. <input checked="" type="checkbox"/> Other: Patent Application Data Sheet
18. <input checked="" type="checkbox"/> This is a CONTINUING APPLICATION. Please note the following: a. <input checked="" type="checkbox"/> This is a <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of U.S. Application No. 09/653,225 filed August 31, 2000, which claims the benefit of U.S. Provisional Application No. 60/151,713 filed on August 31, 1999 and U.S. Provisional Application No. 60/197,769 filed on April 14, 2000. All of the applications are incorporated by reference herein in their entireties, including the drawings. b. <input type="checkbox"/> Cancel in this application original claims of the prior application before calculating the filing fee. (At least one claim must remain.) c. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This is a <input type="checkbox"/> continuation <input type="checkbox"/> divisional <input type="checkbox"/> continuation-in-part of application Serial No. d. <input type="checkbox"/> The prior application is assigned of record to		

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. MHBH00-882-I (400/118)																																					
APPLICATION FEES																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BASIC FEE</th> </tr> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>5 -20 =</td> <td>0</td> <td>x \$18.00 \$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$86.00 \$ 0.00</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Multiple Dependent Claims(s) if applicable</td> <td>+\$290.00 \$</td> </tr> <tr> <td colspan="3"></td> <td>Total of above calculations = \$ 770.00</td> </tr> <tr> <td colspan="3"></td> <td>Reduction by 50% for filing by small entity = \$(385.00)</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Assignment fee if applicable</td> <td>+ \$40.00 \$</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL = \$ 385.00</td> </tr> </tbody> </table>				BASIC FEE				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	5 -20 =	0	x \$18.00 \$ 0.00	Independent Claims	1 - 3 =	0	x \$86.00 \$ 0.00	<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+\$290.00 \$				Total of above calculations = \$ 770.00				Reduction by 50% for filing by small entity = \$(385.00)	<input type="checkbox"/> Assignment fee if applicable			+ \$40.00 \$				TOTAL = \$ 385.00
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<p>19. <input type="checkbox"/> Please charge my Deposit Account No. 13-2490 in the amount of \$0.00</p> <p>20. <input checked="" type="checkbox"/> A check in the amount of \$385.00 is enclosed.</p> <p>21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.18. <p>22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.</p>																																							
23. CERTIFICATE OF MAILING																																							
<p>I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.</p>																																							
24. USPTO CUSTOMER NUMBER																																							
20306																																							
McDonnell Boehnen Hulbert & Berghoff																																							
25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED																																							
Name	Anita J. Terpstra, Ph.D.																																						
Reg. No.	47,132																																						
Signature																																							
Date	November 13, 2003																																						

UTIL (Rev. 11/21/00)